Form PTO-1449 (REV. 8-83)		EPARTMENT OF COMME T AND TRADEMARK OF		ATTY. DOCKET NO 23438.00043) .	APPLICA 10/773,11	ATION NO. 18
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	DATE IF APPROPRIATE
/SK/		1,100,475	06-16-14	Franckaerts	T 1		
		1,331,997	02-24-1920	Neal			
		1,454,967	05-15-1923	Gill	1		
		1,518,501	12-09-1924	Gill `			
		1,522,765	01-13-1925	Wilke		 	
		1,526,851	02-17-1925	Hall	11-		
V		1,669,668	05-15-1928	Marshall			
/SK/		1,673,594	06-12-1928	Schmidt	1		
1		FO	REIGN PAT	ENT DOCUMENTS			<u> </u>
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	YES NO
/SK/		0665378A1	02-08-95	EP	1 1	1	Yes Abstract
		1,185,314	03-25-1970	UK	11		Austra
		1,800,446	12-11-1969	DE	 		Yes Abstract
		GB 2,217,784 A	03-20-1989	UK	+-1-	-	AUSUALI
/SK/		392,268	09-1965	Switzerland	11		Yes Abstract
	(OTHER DOCUMENT	S (Including	Author, Title, Date, Pe	ertinent Page	s, Etc.)	I CHARLES
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INITIAL /SK/	REF	NUMBER	DATE 06-18-1929		CLASS	CLASS	AFFROI	MATE
1010		1,717,969						
		1,896,201	02-07-1933	Sterner-Rainer				
		2,038,221	04-21-1936	Kagi				
		209,219	10-22-1878	Bookwalter				
		2,280,979	04-28-1942	Rocke				
		2,290,961	07-28-1942	Heuer				
		2,488,447	11-15-1949	Tangen et al				
/SK/		251,104	12-20-1881	Finch .	1 1	l		
		FO	REIGN PAT	ENT DOCUMENTS				
						SUB-	TRANSI	ATION
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/SK/		416,401	06-1974	Soviet Union		1	Y Aber	es ract
		58-048796	03-1983	Japan			Y	
		63-104773	5-1998	Japan			Y	
		683,469	03-31-1964	Canada				
/SK/		773,312	10-1980	Soviet Union			ı	es tract
	(THER DOCUMENT	S (Including	Author, Title, Date, Per	rtinent Pages	s, Etc.)		
								
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/SK/		2,515,478	07-18-1950	Tooley et al.	11	ı		
		2,528,210	10-31-1950	Stewart				
		2,566,892	09-04-1951	Jacobs				
		2,677,609	05-04-1954	Moore et al.				-
		2,698,583	01-04-1955	House et al.				
		2,787,873	04-09-1957	Hadley				
		2,808,782	10-08-1957	Thompson et al.			_	
₩ /sk/		2,821,472	01-28-1958	Peterson et al.				
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/SK/		90,756	01-1958	Norway	1	1		es tract
/SK/		942,648	11-27-1963	U.K.				
/SK/		WO 98/25031	06-11-1998	wo				
	Č	THER DOCUMENT	S (Including	Author, Title, Date, Pe	rtinent Page:	s, Etc.)		
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			}	SUPPORT POST SYS	STEM	FOR	MOL	TEN	METAL P	UMP
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SK		2,832,292	04-29-1958	Edwards)		1		•
37		2,865,618	12-23-1958	Abell						
		2,901,677	08-25-1959	Chessman et al.						
		2,948,524	08-09-1960	Sweeney et al.						
		2,978,885	04-11-1961	Davison						
		2,984,524	05-16-1961	Franzen						
		2,987,885	06-13-1961	Hodge	 					
sk		3,010,402	11-28-1961	King						
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SK		3,048,384	08-07-1962	Sweeney et al.	1 1					
1		3,070,393	12-25-1962	Silverberg et al.						
		3,092,030	06-04-1963	Wunder					- · · · · · · · · · · · · · · ·	
		3,227,547	01-04-1966	Szekely						
		3,244,109	04-05-1966	Barske	1-1				-	
		3,251,676	05-17-1966	Johnson						
		3,255,702	06-14-1966	Gehrm						
SK	:	3,272,619	09-13-1966	Sweeney et al.						
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S	<		3,289,473	12-06-1966	Louda .		1				i
			3,291,473	12-13-1966	Sweeney et al.						
			3,400,923	09-10-1968	Howie et al.						
			3,417,929	12-24-1968	Secrest et al.						
			3,459,133	08-05-1969	Scheffler						
			3,459,346	08-05-1969	Tinnes						
		-	3,487,805	01-06-1970	Satterthwaite		-				
SI	<u>ر</u>		3,512,762	05-19-1970	Umbricht						
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5'	7		3,512,788	05-19-1970	Kilbane	1		1		
			3,575,525	04-20-1971	Fox et al.					
			3,618,917	11-09-1971	Fredrikson					
			364,804	06-14-1887	Cole		1			
			3,650,730	03-21-1972	Derham et al.	1		1		-
			3,689,048	09-05-1972	Foulard, et al.	1 1	\dashv	1		
			3,715,112	02-06-1973	Carbonnel		_			
3	κ		3,743,500	07-03-1973	Foulard et al.					
			FOI	REIGN PAT	ENT DOCUMENTS					
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Form PTO-1449 (REV. 8-83)		PARTMENT OF COMME T AND TRADEMARK OF	r.or 1	ATTY. DOCKET NO 23438.00043).	APPLICA 10/773,11	TION NO 8	•
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	DAT APPROF	
SK	T	3,743,263	07-03-1973	Szekely		<u> </u>		
1		3,753,690	08-21-1973	Emley et al.				
		3,759,635	09-18-1973	Carter et al.	11			
		3,767,382	10-23-1973	Bruno et al.				
		3,776,660	12-04-1973	Anderson et al.				
		3,785,632	01-15-1974	Kraemer, et al.		·]		
		3,814,400	06-04-1974	Seki				-
SK	†	3,824,042	07-16-1974	Barnes et al.				
		FO	REIGN PAT	ENT DOCUMENTS				
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SK		3,836,280	09-17-1974	Koch						
		3,839,019	10-01-1974	Bruno et al.						
		3,871,872	03-18-1975	Downing et al.						
		3,873,305	03-25-1975	Claxton et al.						
		3,886,992	06-03-1975	Maas et al.		1.				
		3,915,694	10-28-1975	Ando .						
		3,954,134	05-04-1976	Maas et al.						
sıc		3,961,778	06-08-1976	Carbonnel et al.	1					
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514		3,966,456	06-29-1976	Ellenbaum et al.		1		
		3,972,709	08-03-1976	Chin et al.				
		3,984,234	10-05-1976	Claxton et al.				
		3,985,000	10-12-1976	Hartz				
		3,997,336	12-14-1976	van Linden et al.	1 1			
		4,003,560	01-18-1977	Carbonnel				
		4,018,598	04-19-1977	Markus			•	
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SK		4,055,390	10-25-1977	Young			l	
		4,068,965	01-17-1978	Lichti				
		4,091,970	05-30-1978					
		4,119,141	10-10-1978	Thut et al.				
		4,126,360	11-21-1978	Miller et al.				
		4,128,415	12-05-1978	van Linden et al.			Ī .	
		4,144,562	03-13-1979	Cooper	1 1			
SK		4,169,584	10-02-1979	Mangalick				
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Sic		4,192,011	03-04-1980	Cooper et al.				
		4,213,091	07-15-1980	Cooper				
		4,213,176	07-15-1980	Cooper				
		4,219,882	08-26-1980	Cooper et al.				
		4,244,423	01-13-1981	Thut et al.				
		4,286,985	09-01-1981	van Linden et al.	1			
		4,322,245	03-30-1982	Claxton			,	·
5K		4,347,041	08-31-1982	Cooper	1			
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5	<u>K</u>		4,351,514	09-28-1982	Koch			1			
Ī			4,360,314	11-23-1982	Pennell						
			4,370,096	01-25-1983	Church	1					
			4,372,541	02-08-1983	Bocourt et al.	1 1					
			4,375,937	03-08-1983	Cooper	17					
			4,392,888	07-12-1983	Eckert et al.	11				·	
			4,410,299	10-18-1983	Shimoyama	11					
5	ic		4,456,424	06-26-1984	Araoka	1				:**	
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SΚ		4,456,974	06-26-1984	Cooper				
		4,470,846	09-11-1984	Dube				
		4,489,475	12-25-1984	Struttmann	11	 		
		4,504,392	03-12-1985	Groteke				
		4,537,624	08-27-1985	Tenhover et al.	 			
		4,537,625	08-27-1985	Tenhover et al.				
		4,556,419	12-03-1985	Otsuka et al.	+1-			
SK		4,557,766	12-10-1985	Tenhover et al.				
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sK		4,586,845	05-06-1986	Morris	1		1			
3	· .	4,593,597	06-10-1986	Albrecht et al.						
		4,598,899	07-08-1986	Cooper	1			·		
		4,600,222	07-15-1986	Appling						
		4,609,442	09-02-1986	Tenhover et al.						
		4,611,790	09-16-1986	Otsuka et al.						
	٠.	4,634,105	01-06-1987	Withers et al.						
sk		4,640,666	02-03-1987	Sodergard						
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SK		4,651,806	03-24-1987	Allen et al.	1:	1			
		4,696,703	09-29-1987	Henderson et al.					
		4,701,226	10-20-1987	Henderson et al.					
		4,714,371	12-22-1987	Cuse					
		4,717,540	01-05-1988	McRae et al.					
		4,743,428	McRae et al.						
		4,747,583	05-31-1988	Gordon et al.					
SK		4,770,701	09-13-1988	Henderson et al.	1 /				
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1			4,802,656	02-07-1989	Hudault et al.						
			4,804,168	02-14-1989	Otsuka et al.						
			4,810,314	03-07-1989	Henderson et al.						
			4,834,573	05-30-1989							
			4,842,227	06-27-1989							
			4,844,425	07-04-1989							
56	`		4,851,296	07-25-1989	Tenhover et al.		<u> </u>				
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5×		4,859,413	08-22-1989	Harris et al.	1	1			
30		4,867,638	09-19-1989	Handtmann et al.					
	,	4,884,786	12-05-1989	Gillespie	 				
		4,898,367	02-06-1990	Cooper	1 1				
		4,923,770	05-08-1990	Grasselli et al.	++	 			
		4,930,986	06-05-1990	Cooper	1. [· · · · · · · ·	
			06-05-1990	Waite et al.	11				
SV		4,940,214	07-10-1990	Gillespie					
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SK			4,940,384	07-10-1990	Amra et al.		1	1			
			4,954,167	09-04-1990	Cooper						
			4,973,433	11-27-1990	Gilbert et al.					:	
			4,989,736	02-05-1991	Andersson et al.					-	
			5,006,232	04-09-1991	Lidgitt et al.						
			5,028,211	07-02-1991	Mordue et al.						
			5,049,841	09-17-1991	Cooper et al.						
SK			506,572	10-10-1893	Wagener						
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SIC		5,078,572	01-07-1992	Amra et al.	1		•	
		5,088,893	12-18-1992	Gilbert et al.				
		5,092,821	03-03-1992	Gilbert et al.				
		5,098,134	03-24-1992	Monckton				
		5,099,554	03-31-1992	Cooper				
		5,131,632	07-21-1992	Olson				
		5,143,357	09-01-1992	Gilbert et al.				
SV		5,145,322	09-08-1992	Senior, Jr. et al.				
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5×-		5,152,631	10-06-1992					
1 1		5,158,440	10-27-1992	Cooper et al.				
		5,162,858	11-10-1992	Shoji et al.				
		5,165,858	11-24-1992	Gilbert et al.				
		5,172,458	12-22-1992	Cooper				
		5,177,304	01-05-1993	Nagel				
		5,191,154	03-02-1993	Nagel				
5,192,193 03-09-199				Cooper et al.			_	
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A			5,202,100	04-13-1993	Nagel et al.		1	. 1	-	
, vi		,	5,203,681	04-20-1993	Cooper					
			5,209,641	05-11-1993	Hoglund et al.					
			5,215,448	06-01-1993	Cooper					
			5,268,020	12-07-1993	Claxton	1				
			5,286,163	02-15-1994	Amra et al.					
	5,298,233 03-29-19		03-29-1994	Nagel						
4			5,301,620	04-12-1994	Nagel et al.				···	
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4	,	5,308,045	05-03-1994	·				
		5,310,412	05-10-1994					
		5,318,360	06-07-1994	Langer et al.				
·		5,322,547	06-21-1994	Nagel et al.				
		5,324,341	06-28-1994	Nagel et al.				
		5,330,328	07-19-1994	Cooper				;
		5,354,940	10-11-1994	Nagel				
d	_	5,358,549	10-25-1994	Nagel et al.				
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0			5,358,697	10-25-1994	1 Nagel			1		
1			5,364,078	11-15-1994	4 Pelton					
			5,369,063	11-29-1994	Gee et al.					
			5,383,651	01-24-1995	5 Blasen et al.		7	1		
			5,388,633	02-14-1995	5 Mercer II et al.					
			5,395,405	03-07-1995	Nagel et al.					
			5,399,074	03-21-199	Nose et al.					
8			5,407,294	04-18-199:	5 Giannini			1		
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4	\		5,425,410	06-20-1995	Reynolds	1			1		
Ī			5,431,551	07-11-1995	Aquino et al.	11					
			5,435,982	07-25-1995	Wilkinson						
			5,436,210	07-25-1995	Wilkinson et al.						<u> </u>
			5,443,572	08-22-1995	Wilkinson et al.						
	5,454,423 10-03-19			10-03-1995	Tsuchida et al.						
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4			5,484,265	01-16-1996	Horvath et al.	7 ,	[<u> </u>		
		-	5,489,734	02-06-1996	Nagel et al.				
			5,491,279	02-13-1996	Robert et al.				
			5,495,746	03-05-1996	Sigworth	1-1		_	
			5,505,143	04-09-1996	Nagel				
			5,509,791	04-23-1996	Turner	11-	1.1		
			5,537,940	07-23-1996	Nagel et al.	+			
4			5,543,558	08-06-1996	Nagel et al.	+ 1			
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			5,571,486	11-05-1996	Robert et al.						
			5,585,532	12-17-1996	Nagel						
			5,586,863	12-24-1996	Gilbert et al.						
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4			5,613,245	03-18-1997	Robert						
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B	· · · · · · · · · · · · · · · · · · ·	5,622,481	04-22-1997	Thut	1		1		
		5,629,464	05-13-1997	Bach et al.					
		5,634,770	06-03-1997	Gilbert et al.		丁			
		5,640,706	06-17-1997	Nagel et al.		十			
		5,640,707	06-17-1997	Nagel et al.					
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10	又		5,676,520	10-14-1997	7 Thut	1					
			5,678,244	10-14-1997	Shaw et al.						
			5,678,807	10-21-1997	7 Cooper						
			5,679,132	10-21-1997	Rauenzahn et al.						
			5,685,701	11-11-1997	Chandler et al.						
			5,690,888	11-25-1997	7 Robert	11					
			5,695,732	09-09-1997	7 Sparks et al.	† <i>†</i>					
6	1		5,716,195	02-10-1998	3 Thut	† <i> </i>					
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É			5,717,149	02-10-1998	Nagel et al.				1		
			5,718,416	02-17-1998	Flisakowski et al.						
			5,735,668	04-07-1998	Klien						
			5,735,935	04-07-1998	Areaux	†					
			5,741,422	04-21-1998	Eichenmiller et al.	+					
			5,744,117	04-28-1998	Wilkinson et al.	1					
			5,745,861	04-28-1998	Bell et al.	1					
0			5,755,847	05-26-1998	Quayle			1			
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6		5,772,324	06-30-1998	Falk		1	· · · · · · · · · · · · · · · · · · ·	
		5,776,420	07-07-1998	Nagel				
		5,785,494	07-28-1998	Vild et al.				
		5,805,067	09-08-1989	Bradley et al.				
		5,810,311	09-22-1998	Davison et al.				
		5,842,832	12-01-1998	Thut				
		585,188	06-29-1897	Davis			·	
9		5,858,059	01-12-1999	Abramovich et al.				
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4		5,864,316	01-26-1999	<u> </u>					
		5,866,095	02-02-1999	McGeever et al.		<u> </u>			
		5,875,385	02-23-1999	Stephenson et al.					
		5,935,528	08-10-1999	Stephenson et al.					
	+	5,944,496	08-31-1999	Cooper					
		5,947,705	09-07-1999	Mordue et al.					
		5,949,369	09-07-1999	Bradley et al.	1				
0	+	5,951,243	09-14-1999	Cooper					
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6		5,993,726	11-30-1999		1				
		5,993,728	11-30-1999				\		
		5,995,041	11-30-1999	<u> </u>					_
		6,024,286	02-15-2000	Bradley et al.			<u> </u>		
		6,027,685	02-22-2000	Cooper					
		6,036,745	03-14-2000	Gilbert et al.					·
		6,074,455	06-13-2000	van Linden et al.					
4		6,093,000	07-25-2000	Cooper					
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(4)		6,096,109	08-01-2000	Nagel et al.						
		6,019,576	02-01-2000	Thut						
	1	6,113,154	09-05-2000	Thut						
		6,123,523	09-26-2000	Cooper						
		6,152,691	11-28-2000	Thut		, -				
		6,187,096	02-13-2001	Thut	†					
		6,217,823	04-17-2001	Vild et al.						
		6,231,639	05-15-2001	Eichenmiller et al.	1		1			
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4		6,243,366	06-05-2001	Bradley et al.	1			
1		6,250,881	06-26-2001	Mordue et al.				
		6,254,340	07-03-2001	Vild et al.				
		6,270,717	08-07-2001	Tremblay et al.				
		6,280,157	08-28-2001	Cooper				
		6,298,759	09-25-2001	Thut		<u> </u>		
		6,303,074	10-16-2001	Cooper			,_	
6		6,345,964	02-12-2002	Cooper		l l		
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4		6,358,467	03-19-2002	Mordue		1				
		6,398,525	06-04-2002	Cooper						
		6,439,860	08-27-2002	Greer						
		6,451,247	09-17-2002	Mordue et al.						
		6,457,950	10-01-2002	Cooper et al.						_
		6,464,458	10-15-2002	Vild et al.						
		6,495,948	12-17-2002	Garrett, III						
6		6,497,559	12-24-2002	Grant						
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A		6,524,066	02-25-2003	Thut	1					
		6,533,535	03-18-2003	Thut						
		6,551,060	04-22-2003	Mordue et al.						
		6,648,026	11-18-2003	Look et al.						
		6,679,936	01-20-2004	Quackenbush						
		6,689,310	02-10-2004	Cooper						
		6,695,510	02-24-2004	Look et al.		·				
8		6,709,234	03-23-2004	Gilbert et al.						
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4		6,716,147	04-06-2004	Hinkle et al.	1 1				•		
		6,723,276	04-20-2004	Cooper	1 1						
	17	6,805,834	10-19-2004	Thut							
· .		6,843,640	01-18-2005	Mordue et al.							
		6,848,497	02-01-2005	Sale et al.							
		6,869,271	05-24-2005	Uchida et al.							
		6,869,564	03-22-2005	Gilbert et al.							
Ga		6,881,030	04-19-2005	Thut							
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					SUPPORT POST SYSTEM FOR MOLTEN METAL PUMP							
				U. S. PATEN	T DOCUMENTS	-						
EXAMINER DOCUMENT INITIAL REF NUMBER DATE					NAME	CL	CLASS		B- ASS	FILING DATE IF APPROPRIAT		
	7		6,887,424	05-03-2005	Ohno et al.		1		1			
			6,887,425	05-03-2005	Mordue et al.							
			898,499	09-15-1908	O'Donnell	+						
			20010000465	04-26-2001	Thut							
			20010012758	08-09-2001	Bradley et al.	1					-	
			20020041788	04-11-2002	Look et al.	+						
			20020102159	08-01-2002	? Thut	1						
4	·		20020146313	10-10-2002	? Thut							
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SV		20020187947	12-12-2002	Jarai et al.	11					
		20030059302	03-27-2003	Mordue et al.						
		20030075844	04-24-2003	Mordue et al.						
		20030151176	08-14-2003	Ohno et al.						
		20030185679	10-02-2003	Mordue et al.				,i		
		20040007284	01-15-2004	Look et al.	1 1					
		20040022632	02-05-2004	Thut	1					
SIC		20040056395	03-25-2004	Thut						
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S.K.	_	20040076533	04-22-2004	<u> </u>				,		
		20040084172	05-06-2004	Vincent et al.						
		20040115079	06-17-2004	Cooper						
		20040199435	10-07-2004	Abrams et al.		1				
		20040123970	07-01-2004	Neff			1			
		20040215204	10-28-2004	Davison et al.						
		20040262825	12-30-2004	Cooper				•		
SC		20050013713	01-20-2005	Cooper						
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SK		20050013714	01-20-2005	Cooper		1				
		20050013715	01-20-2005	Cooper						
		20050053499	03-10-2005	Cooper						
		20050077730	04-14-2005	Thut						
,		20050081607	04-21-2005	Patel et al.						
SK		20050116398	06-02-2005	Tremblay						
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